PROJECT REFERENCE NO. SHEET NO. B-4320 I-A

# ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch – N. C. Department of Transportation – Raleigh, N. C., Dated Januarary 15, 2002 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.

TITLE

DIVISION 2 - EARTHWORK

200.03 Method of Clearing - Method III

225.02 Guide for Grading Subgrade - Secondary and Local

225.04 Method of Obtaining Superelevation - Two Lane Pavement

DIVISION 3 - PIPE CULVERTS

300.01 Method of Pipe Installation - Method 'A'

DIVISION 5 - SUBGRADE. BASES AND SHOULDERS

560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I

DIVISION 8 - INCIDENTALS

806.01 Concrete Right-of-Way Marker

806.02 Granite Right-of-Way Marker

862.01 Guardrail Placement

876.02 Guide for Rip Rap at Pipe Outlets

#### INDEX OF SHEETS

	SHEET NUMBER	SHEET
	1 .	TITLE SHEET
	1 <b>–</b> A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF
		STANDARD DRAWINGS
	1 <b>–</b> B	CONVENTIONAL SYMBOLS
	1-C	SURVEY CONTROL SHEET
	2	PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND
		METHOD OF WEDGING DETAIL
	2-A THRU 2-B	DETAIL OF REINFORCED BRIDGE APPROACH FILLS
	2-C THRU 2-F	DETAIL OF GUARDRAIL INSTALLATION
	2-G THRU 2-H	DETAIL OF STRUCTURE ANCHOR UNITS
	2-I	DETAIL OF MODIFIED CONCRETE FLUME
	3	SUMMARY OF QUANTITIES
	3-A	SUMMARY OF EARTHWORK,
		SUMMARY OF ASPHALT PAVEMENT REMOVAL.
		SUMMARY OF GUARDRAIL.
		AND SUMMARY OF DRAINAGE
	4	PLAN SHEET
	5	PROFILE SHEET
	TCP-1 THRU TCP-4	TRAFFIC CONTROL PLANS
	EC-1 THRU EC-3 SIGN-1 THRU SIGN-2 UO-1	EROSION CONTROL PLANS SIGNING PLANS UTILITIES BY OTHERS
	X-1	CROSS SECTION SUMMARY
	X-2 THRU X-4	CROSS SECTIONS
	and the second s	en e

STRUCTURE PLANS

S-1 THRU S-22

# GENERAL NOTES: 2002 SPECIFICATIONS

EFFECTIVE: 01-15-02

REVISED: 05-14-03

### GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN. THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

#### CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

#### SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

#### SHOULDER CONSTRUCTION:

SHOULDER CONSTRUCTION ON HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01. THE ALGEBRAIC DIFFERENCE, OF FINSHED GRADE SHOULDER SLOPES AND SUBGRADE SHOULDER SLOPES ON NORMAL CROWN SECTIONS, SHALL BE MAINTAINED THROUGH SUPERELEVATED SECTIONS OF THE ROADWAY (THIS WILL MAKE SUPERELEVATED AND TANGENT PAVED SHOULDER DEPTHS CONSISTENT).

#### GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

## END BENTS:

THE ENGINEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS-SECTION PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVATION APPROACHING A BRIDGE.

# UTILITIES:

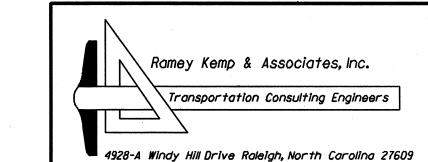
UTILITY OWNERS ON THIS PROJECT ARE CAROLINA POWER & LIGHT AND BELL SOUTH

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATIONS AS TO THE SUBSURFACE CONDITIONS.

## RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY CONTRACT.



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